will extrude easier than unmodified TPU shown in Figures 3, 5, and 7 respectively.

Figure 1: Ester TPU, hard segment content 58.9% with no CRC

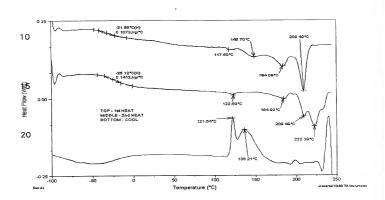


Figure 2: Ester TPU, hard segment content 59.7% with 10 Equivalents of CRC

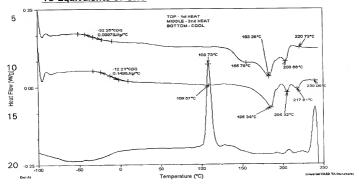
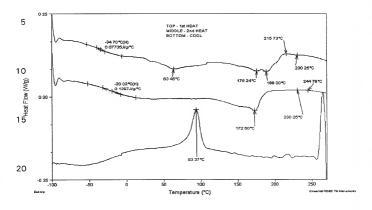


Figure 3: Ether TPU, hard segment content 52.4% with no CRC 25 247 42°C -38.02 °C(H) 0.1885J/g/°C 192 84 30 227 17°C 0.00 -TOP - 1st HEAT MIDDLE - 2nd HEAT BOTTOM - COOL 40 102 18°C -0 25 -100 200 100 MAT DRSMI Temperature (°C)

Figure 4: Ether TPU, hard segment content 54.2% with 8.8 Equivalents of CRC

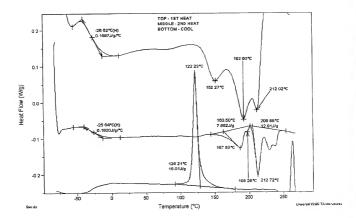


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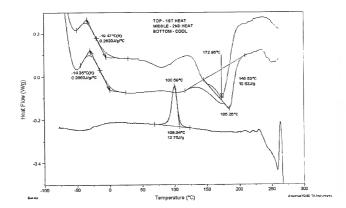
20

Figure 5: Ester TPU, hard segment content 48.4.9% with no CRC



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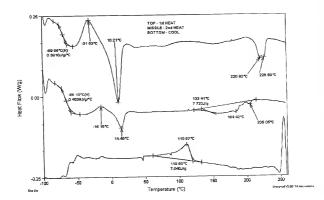
Figure 6: Ester TPU, hard segment content 54.6% with 10 Equivalents of CRC $\,$



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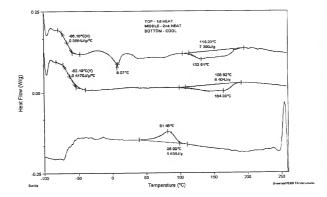
Figure 7: Ether TPU, hard segment content 31.2% with no CRC





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Figure 8: Ether TPU, hard segment content 31.6% with 10 Equivalents of CRC



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